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An Effort to Reduce Sudden Unexpected Infant Deaths **Modeling Safe Sleep:**

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STAFF EDUCATION

suffocation, or unknown causes. SIDS is the leading cause of death in infants between 1 month and 1 Each year, about 4,000 infants die unexpectedly during sleep time, from SIDS, accidental

ABSTRACT

- National Institute of Child Health and Human Development

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And EVERY 2 days a baby dies in Texas





practices, and correcting incorrect modeling of sleep environments during inpatient admission. Secondary aim is reduction of the local rate of Sudden by improving health provider and parent education, standardizing safety AIM: The aim of this quality improvement process is to improve safe sleep modeling in the Newborn Nursery and Neonatal Intensive Care Unit (NICU) Inexpected Infant Death (SUID) in a highly afflicted metropolitan community

Review Team reached out to local facilities to implement an outreach program to address the rising rates of SUID. Most facilities surveyed lacked a standardized system of modeling safe sleep in the NICU and Newborn BACKGROUND: There has been a recent spike in SUID nationally which is disproportionately elevated in our community with a large proportion of deaths that have been attributed to unsafe sleep practices. The County Child Fafality

sleep modeling with documentation of exceptions and readiness for safe sleep recorded. The audit assessed clevating the head of the bod, neonate in supine, the presence of sturfled animals, extra blankets, fuffy blankets, neurate in a was implemented in the Narsery and NICU to model safe sleep environments prior to discharge. Bedside placards with visual safe sleep reminders and METHODS: The project was implemented at a large Level III NICU with associated 1800 deliveries annually to the Newborn Nursery service. A nest, meanate not being swaddled, the use of positioning devices, and coand didactic teaching sessions. Direct bedside audits were completed for safe sundardized order sets were created for each department. Comprehensive mandatory education was provided to nurses and providers via online modules standard operating procedure using the revised AAP and NICHD guidelines

RESULTS: Comprehensive provider education and safe sleep requirements were implemented from October 2015 to January 2016. Quarterly bedside audit was conducted throughout 2016 utilizing a checkist for all infants meeting criteria for readmess. Incremental improvement of appropriate safe sleep modeling was noted, with neurales modeling safe skeep 70.8%, 72%, 89,9%, and 98.3% by quarter respectively. Each aspect of the audit was 89.9%, and 98.3% by quarter respectively. Each aspect of the audit was analyzed using a oth-squared test with head elevation, extra blankets, nesting, not wandding, and use of positioning devices were all statistically significant to control.

VEE TO SLEEP



1. NICHD and AAP Recommendations

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SAFE TO SLEEP

AAP 2011 Policy Statement

- Pediatrics. 2011 Nov;118(5):1030-9. doi: 10.1542/peds.2011-2284
- NICHD Public Education Campaign
- https://www.nichd.nih.gov/sts/Pages/default.aspx
- Nursing Education
- Online training and free nursing CE provided via NICHD

Department	Department Caregivers % Complette	% Completion
5 East (Anteparturn)	29/29	100%
5 West (Mother/Baby)	34/34	100%
Labor & Delivery	71/71	100%
NICU	60/60	3,000
PEDS	36/36	100%
PICII	24/24	100%

- 3. Physician Education
- Pediatric residency and Neonatal-Perinatal Fellowship
 Group education and direct on-rotation training provided
- Neonatal (fellows) Neonatal (staff) 6/6 Completion 2000 100%

other unsafe objects

- 3. Parent Education Newborn and NICU services
- Revision of discharge teaching by nursing and physician provident
- subsequent pediatric clinic appointments Review of recommendations at newborn follow up and Discharge handouts and video with NICHD recommendations
- 4. Revision of Standard Operating Policies
- Newborn and NICU services

care practices and education Implementation of AAP and NICHD guidelines into standard

INPATIENT CHANGES

NATIONAL CERTIFICATION

MEDICAL WINE





1. Patient Safety Placards

Newborn and NICU services

Implemented with standardized order sets Bedside reminders of modeling safe sleep practices

SAFE SLEEP CHAMPION

- 2. Halo Sleep Sacks In-hospital and Take-home Newborn, NICU, Pediatric, PICU services
- for stable infants in place of excess Newborn and preemic sizes utilized blankets, beambags, pillow rolls, and

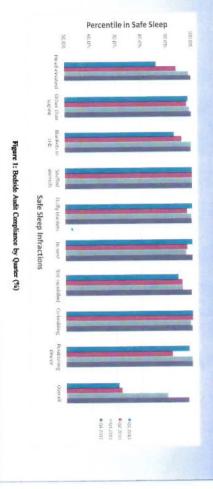




 National Certification as a Safe Sleep Champion 20 July 2016
 San Antonio Military Medical Center is the FIRST hospital in Texas to receive certification

The National Safe Sleep Hospital Certification Program was created in partnership with teading infant health and safety organizations such as All Baby & Child, The National Center for the Review & Proposton of Child Deaths, Association of SIDS and Infant Mortulity Programs, Kids In Danger, Children's Safety Network, American SIDS Institute, Charlie's Kids, CJ Foundation for SIDS, and numerous state American Academy of Pediatric chapters and health departments.

AUDIT RESULTS



CONCLUSIONS

criteria for modeling safe sleep at the initiation of quality improvement project. Almost thirty percent of inpatient neonate's cribs did not meet

Head of the bed elevations were the most common violation

NICU and nursery environments over a 1 year assessment period improved greatly with a 98.3% rate of modeling safe sleep in the After re-education and visual reminders all areas of safe sleep

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